

ABSTRACT

A steering wheel mounting assembly comprising a stationary support carrier, first and second drive rings, and a drive roller assembly. The stationary support carrier defines first and second ring receiving areas. The first drive ring has a first cylindrical raceway, is supported in the first ring receiving area, and is adapted for connection to a steering wheel. The second drive ring has a second cylindrical raceway, is positioned in the second ring receiving area, and is adapted for connection to a steering shaft. The drive roller assembly is supported within the first and second cylindrical raceways and comprises first and second roller planets, a sun roller supported in frictional engagement with the first and second roller planets, a first loading planet frictionally positioned between the sun roller and the first cylindrical raceway, and a second loading planet frictionally positioned between the sun roller and the second cylindrical raceway.